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NORTHERN PLANT NOVELTIES FOR 1928, SOUTH DAKOTA STATE HORTICULTURAL SOCIETY
By Prof. N. E. Hansen, Brookings, South Dakota

No. 15 News Letter, 1 page January-April Issued April 7, 1928

Redflesh Crabapple

Offered for the first time. Pedigree: *Pyrus Malus Niedzwetzkyana* x Elk River, Minnesota, wild crab pollen. Fruit, diameters 1 1/2 x 1 5/8 inches, skin dark red; flesh, light red, especially inside core line. Subacid, quality good. Season probably October-November. Only scions available this spring. Price per foot, \$2.00. If the season gets too late for the scions, they will be sent in fall 1928. I believe this variety will be popular.

Wakpala Apple

Offered for the first time. Pedigree: Mercer crab x Tolman Sweet apple pollen. Fruit 2 1/8 inches in diameter, yellow striped with red, flavor subacid with spicy sweet fragrance. Cooks up quickly into excellent sauce. Season, winter. Scions only, terms same as for Redflesh Crabapple.

Harbin Pear

Progress with Pears: The seedlings grown in 1925 from seed which I obtained from fresh pears in North China in 1924 were transplanted to the State orchard at Watertown and made good growth in 1926 and 1927. They should be thinned out and transplanted to their permanent location for fruiting. They form the material for the largest pear orchard in the world and I feel sure that from this lot of seedlings, good hardy pears immune to fire blight will be obtained. These Harbin pear seedlings will be needed also for hardy stocks for my new hybrids which are now appearing. Price of seedlings: 2 trees for \$1.00. If the buds start too much before we get them dug, they will be held until fall of 1928.

Anoka Apple

My Anoka apple is attracting much attention because of its habit of bearing on one year old wood. It bears fruit the second year after planting a one year old tree, and annually thereafter. It is probably the earliest and heaviest bearing apple in the world at the present time. A few trees available at \$1.50 each.

Progress with Hardy Roses

At Sioux Falls and Brookings, some twenty acres are devoted to originating roses that will be hardy without winter protection. This work has been attracting national attention. The Rose Annual of the American Rose Society with 5,000 members, emphasizes the fact that South Dakota is the first state in the Union to have a State Rose Garden. Upwards of 100,000 rose seedlings are coming on as a result of the work of last year and this year. Plants of fifteen of my hardy roses introduced last year were sent to many places. A few sprouts of these new varieties can be dug at \$1.50 each plant, my selection.

Hardy Grapes

My 32 varieties of hardy grapes developed from the native grapes of South Dakota, North Dakota, and Minnesota, created a sensation when introduced in 1924. Only a few cuttings available; price, 5 for \$1.00.

Perennial Sweet Pea (*Lathyrus tuberosus*)

which I obtained in the dry Semipalatinsk region of Siberia in 1913, forms a long tuber; blossoms, bright rose pink color. An interesting novelty. Price; 2 tubers \$1.00.

Hansen White Proso

This grain millet I found among the Kirghiz Tartars, Semipalatinsk, Siberia, in 1913 and am selecting it for large kernels. A good feed grain for stock. Good table cereal. Ripens in 60 days, weight 60 pounds per bushel. Seed grown in 1927. Two pounds of seed as an annual membership premium, \$1.00.

Gladiolus, the Best Summer Bulb for South Dakota

No named varieties are sold from our collection of over 1,100 varieties--one of the largest in America, but 16 assorted bulbs, not named, will be sent as a membership premium for \$1.00 as usual. Note our annual State Fair, Huron, display.

Note by the Secretary: It has not been possible to decide on the premium list at an earlier date. Many valuable new fruits are ready for propagation. These premiums will be sent until May 1 if the weather permits. After May 1, 1928, the only premiums available will be gladiolus or one of the older reports of the Society. Annual membership, \$1.00, entitles the member to \$1.00 worth of plants or seeds selected from this list; life membership, \$10.00, entitles the member to the annual volumes as far as available and to \$10.00 worth of plants or seeds selected from this list. Please send your renewal of membership promptly. Address the Secretary, Professor N. E. Hansen, Brookings, South Dakota.

